

OS90
T10b

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,276

DATE: 11/14/2001
TIME: 09:57:54

Input Set : A:\012627-023.txt
Output Set: N:\CRF3\11142001\I899276.raw

3 <110> APPLICANT: Rosl, Frank
4 Soto, Ubaldo
5 Coy, Johannes
6 Finzer, Patrick
7 Delius, Hajo
8 Poustka, Annemarie
9 zur Hausen, Harald
10 Patzelt, Andrea
12 <120> TITLE OF INVENTION: Novel Regulatory Sequences of the MCP-1 Gene
14 <130> FILE REFERENCE: 012627-023
16 <140> CURRENT APPLICATION NUMBER: US 09/899,276
17 <141> CURRENT FILING DATE: 2001-07-06
19 <150> PRIOR APPLICATION NUMBER: EP 00 114 560.6
20 <151> PRIOR FILING DATE: 2000-07-06
22 <160> NUMBER OF SEQ ID NOS: 12
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 600
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <400> SEQUENCE: 1
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33 tagaaaatgggt gatgatgtgt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120
34 cggggcccaca ccaatgtcaa gggatgacaa ttagaaaagga aggttgagtc aagggatttg 180
35 aatgttaggg tgaaaaagttt ctactcaact ctgttaggtt tagagattca gagataagtt tcagggaaatct 240
36 tcagtcacat gaggagggat gtgcattttt tagagattca gagataagtt tcagggaaatct 300
37 taacttatac attttataca tacacagaga aatacggact agtggaaatcg tattggccatg 360
38 gtccaaagcaa gagatgatga aggcttaaat atggagccaa agaggcagca atgaaatgt 420
39 agccatgcag ggtgaaatgc tgcattttt tagatggagga gaaagacctg tgacttcaga 480
40 tatgaaaaacc tcattttcaa cccacatttt aaggggccag cttccctgaa accagaatgt 540
41 gtttccctcc attactatac cccatccca atctcaggca cctggaaatca tccattttaaa 600
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 200
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
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51 aattttgttt gttgatgtga aacattatgc cttaagtaat gtttattttt atttaatgtt 120
52 ttgatgtttt aagtttatct ttcatggatc tagtggggggg tagatacaga gacttgggg 180
53 aatttgcatttt cctcttgcac 200
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 150
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 3
61 caaagatcac attcttagctc tgaggatatac gcagaaggcac tgggattttaa tgagctttt 60
62 cttttctccct gcctgccttt tgcttttcc tcatgactct tttctgctct taagatcaga 120

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63 ataatccagt tcatcctaaa atgcttttc 150
 65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 250
 67 <212> TYPE: DNA
 68 <213> ORGANISM: Homo sapiens
 70 <400> SEQUENCE: 4
 71 aggcttctat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
 72 gggagccggc caaagcttga gagctccttc ctggctggga ggcgccttgg aatgtggcct 120
 73 gaaagtaaagc tggcagcggag cctgacatgc tttcatctag tttcctcgct tccttcctt 180
 74 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaaa taaccctctt agttcacatc 240
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 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 300
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Homo sapiens
 82 <400> SEQUENCE: 5
 83 aaggaggagg cagtggctta ggagaatcga gagatcagaa ttttaaactc agcccaagcca 60
 84 ttaacatgcc tcaagtaactc ctatcatatt tctaagagac aacagttcac tgaatgaat 120
 85 tctaaggctct ttgggtttt atcagtgtgc ttctgttagtt tctgagggaaa tctaaggcac 180
 86 aactgaggaa tgaagtctagg ctttccaaatt cccgaaatac tcctccactg cttactcatg 240
 87 tcccttggaa attaagaagg aagccaggag catagctgcc ataaccaggg atgaacttct 300
 90 <210> SEQ ID NO: 6
 91 <211> LENGTH: 300
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo sapiens
 95 <400> SEQUENCE: 6
 96 aaaaatataaa aattagccag gctgtatgtc atgtgcctgt agtcccagct actcgggagg 60
 97 ctgaggcagg agaaccttctt gaatccagga ggcgcagggtt gcagttagca gagatagtgc 120
 98 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaaata aaataaaata 180
 99 aaaaatgcag actgtgattc agcaggcttg ggttgaagcc cagaactctc tgataaattc 240
 100 aatggcactt aactacttgg aggtcatggta tgccttgct aatctaatacg aagctactga 300
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 104 <211> LENGTH: 650
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Homo sapiens
 108 <400> SEQUENCE: 7
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 111 aagctgcctc ctcagagtgg gaatttccac tcacttcttct cacgcccagca ctgacccccc 180
 112 agcggggggag ggcatctttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240
 113 ccagaagact ttctttctg attcataccctt ttcaccccttcc ctgtgtttac tgctgtat 300
 114 atgcaaaggc caagtcactt tccagagatg acaactctt cctgaagtag agacatgctt 360
 115 ccaacactca gaagccatgt tgaacactca gccagcaaag ctggaaattt ttctctgtga 420
 116 ccatggggctaa attggctcc ttctctggat tggctttagt cagataaaaaa caagtggatc 480
 117 atgccacagg atgtctataa gcccattgtat tctgggattc tatgagtgtat gctgatgtat 540
 118 ctaagccagg agagacttat ttaaagatct cagcatctt cagcttggta acctagagaa 600
 119 aacccgaagc atgactggat tataaaggaa aattgaatgc ggtccaccaa 650
 121 <210> SEQ ID NO: 8
 122 <211> LENGTH: 20

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123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Part of 3'-DHSR
129 <400> SEQUENCE: 8 20
130 ggaagggtga gtcaaggatt
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 21
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 9 21
141 gataagggtga ctcagaaaag g
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Oligonucleotide
151 <400> SEQUENCE: 10 21
152 ggaagggtga gtcaaggat t
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 21
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Oligonucleotide
162 <400> SEQUENCE: 11 21
163 cgcttcatgtga ctcagccgga a
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Oligonucleotide
173 <400> SEQUENCE: 12 25
174 ttttggattg aagccaatat gataa

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